

QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION					REPORT NUMBER 540		Page 1 of 0	
					DATE 10 Jun 2020 - Wednesday			
PROJECT Durham Meadows Waterline Remedial Design					CONTRACT NUMBER W912WJ19C0002			
CONTRACTOR Ludlow Construction Co., Inc.					WEATHER Weather Caused No Delay Temperature Min 64 °F Max 75 °F No Precipitation 15 MPH Wind			
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE		WIND	
STRUCTURAL EXCA- VATION 0 %	BORROW EXCA- VATION 0 %	EMBANKMENT 0 %	CONCRETE 0 %	STRUCTURE 0 %	MINIMUM 64 °F	MAXIMUM 75 °F	15 MPH	
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING FO FACT?					<input checked="" type="checkbox"/> NO			
					<input type="checkbox"/> YES (Explain)			
NUMBER OF GOVERNMENT EMPLOYEES					24 HOUR PRECIPITATION			
SUPERVISORY 0	OFFICE 0	LAYOUT 0	INSPECTION 1	TOTAL 1	LABOR 0	INCHES 0.00		ENDING M
NUMBER OF CONTRACTOR'S EMPLOYEES					RIVER STAGE			
SUPERVISORY 0	OFFICE 0	LAYOUT 0	INSPECTION 1	TOTAL 1	LABOR 0	FEET 0.0		TIME M
NUMBER OF CONTRACTOR'S EMPLOYEES					NUMBER OF SHIFTS			
SUPERVISORY 0	SKILLED 0	LABORERS 0	TOTAL 0	FROM 0700	TO 1530 M	FROM M	TO M	FROM M
					TO M	FROM M	TO M	FROM M
Attach a list of the following. (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite. NOTE: if the contractor's Quality Control Report (QCR) contains the information it need not be repeated.								
QA NARRATIVES								
Contractor/Subcontractor & Area of Responsibility for Work:								
Robert Christie Project involves installing water main from a new Middletown Water Tank into Durham and tying into homes & businesses:					Unresolved Issue: No		Shift: 1	
Prime Contractor: Ludlow - Installing watermain & associated components. Subcontractor: ACE Consulting - SSHO Rob Peddicord & CQC Jerry Brandon Subcontractor - John Turner Consulting - Compaction testing Subcontractor - NY-CONN - Repairing of the traffic loops Subcontractor - Veilleux Concrete cutting - Saw cutting								
Work Performed Today:								
Robert Christie (Billy's crew) 2- State police directing traffic 1- Certified flagger Installed 4 - Curb stops in Durham at stations 142+09.5, 141+75.5, 143+22 and 144+48.					Unresolved Issue: No		Shift: 1	
State/Town Roads: (John's crew) 2 - State Police directing traffic Began installing the 12" water line from route 17 down route 68 from station 600+00 to 600+62. 124 feet state road saw cut Ledge was encountered, 40 cubic yards of rock excavation. No water was encountered in the trench.								
1 - Ludlow employee (Pete) pressure tested the 16" water main on rote 17 from station 157+60 to 175+26. Pressure was checked from 12:15 to 2:15 at 160 PSI.								
Applied 200 pounds of calcium chloride for dust control at the office trailers.								
Pay Items: 1. Police - 4 State Police 3. Flaggers - 1 4. Illuminated Signs - yes 7. Sawcut State Roads - 277 Feet 8. Bank Run Gravel- 0 Cubic Yards 6. Ledge Removal - 40 Cubic Yards 7. 12" Restrained Pipe - 62 Feet 8. 1" - Curb stops - 4 9. 1" - Cooper Pipe - 108 Feet 10. Calcium Chloride - 200 Pounds								
Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken:								
Robert Christie Follow up inspection of the 12" Restrained pipe installation on route 68. Observed the Pickett lane crew installing the 12" water line.					Unresolved Issue: No		Shift: 1	

Once the hole was excavated they Fabric was placed in the bottom of the excavation followed by 6" of 3/4" stone. Then the stone was covered with fabric. They then placed 3" of sand, installed the pipe and placed 12" of sand over the pipe followed by 3 - 12" lifts of native material or processed gravel where they encountered unsuitable material and compacted each lift. Placed 2 - 8" lifts of processed gravel and compacted each lift. Finally placed 4" of HMA in two 2" compacted lifts.

No water was encountered in the trench today.

A state police officer was positioned at end of the worksite.

Compaction Tests today - Yes, Observed John Turner Consulting performing the compaction tests. All of the tests were above the required 95%.

Drove by the storage during my shift. Observation made both times was no material was spilled on the ground and no damage to asphalt. The catch basin did have sediment control fabric in it and did not appear to be clogged.

Follow up inspection of the curb stop installations on route 17 in Durham. Curb stops are being installed per the drawings.

Follow up inspection of the pressure testing of the water main on route 17 from station 157+60 to 175+26. Pressure held at 160 PSI for the required 2 hours.

Verbal Instructions Given to Contractor:

Unresolved Issue: No

Shift: 1

Robert Christie
None to report.

Miscellaneous Remarks and Visitors to Project:

Unresolved Issue: No

Shift: 1

Robert Christie
Jerry - QC
Rob P - SSHO
John Pio - Superintendent
Mike Pio - onsite
USACE - Kurt Mintell
AECOM - Joel was onsite providing extra oversight of the contractor.
Mike Cunningham
JTC Consulting

Miscellaneous Remarks and Visitors to Project:

Unresolved Issue: No

Shift: 1

Robert Christie
Water encountered while excavating:
No water was encountered in the trenches today.

PR Comments, encounters or issues:

We had an issue with the curb stop at 136 Oak Terrace. Billy from Ludlow was hesitant about placing the curb stop where it was specified on the plans due to fence he had to go under being ready to fall over and was held up by some additional wood the homeowner had added over time to keep it up. I took some pictures of the fence and spoke to Lisa about it and we decided to have Ludlow place the curb stop per the drawings. The homeowner was nice and took the section of fence down for us. When I came back to check on the crew I was informed that the homeowner had gotten upset stating the curb stop was extremely close to his leaching field. The homeowner was outside and made no contact with me about the curb stop placement. Pictures of the fence and of the homeowner taking it down are attached.

CT DOT onsite or communication:
None to report.

Safety:

Unresolved Issue: No

Shift: 1

Robert Christie
Noted portable hand wash station on back of tool truck, cleaning supplies nitrile gloves, face masks.
Workers fill out daily forms indicating they are not demonstrating any symptoms of COVID 19 and turning into SSHO.

Daily Safety Inspections:

1. Noted proper PPE while cutting Steel pipe with cut off saw.
2. Discussed situational awareness while working around heavy equipment, and while allowing residents to use the shared driveway while under construction
3. Situational awareness not to work in close proximity to each other (COVID PREVENTION)
4. Trench box being used for all excavations while working in trench.

QA VERIFICATIONS

(Verification of QC requirements reported completed by the Contractor)

The following QC Requirement(s) were verified today:

Requirement #		Results
CT-00157	Comp Testing on Rt 68:	Awaiting Results
CT-00158	Pressure Testing to Talcott Road:	Awaiting Results

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE